

## MECHANICAL

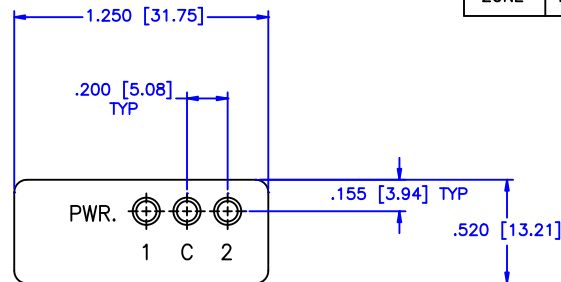
CONTACT: BREAK BEFORE MAKE  
ACTUATOR: LATCHING  
SWITCHING SPEED: 20 mSEC MAX

## ELECTRICAL

ACTUATOR VOLTAGE: 28.0 Vdc  
ACTUATOR CURRENT: 0.100 A MAX @ 28.0 Vdc  
POWER HANDLING: 200W CW @ 1.0 GHz

## ENVIRONMENTAL

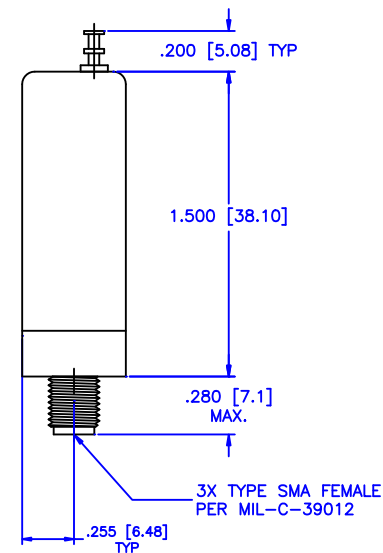
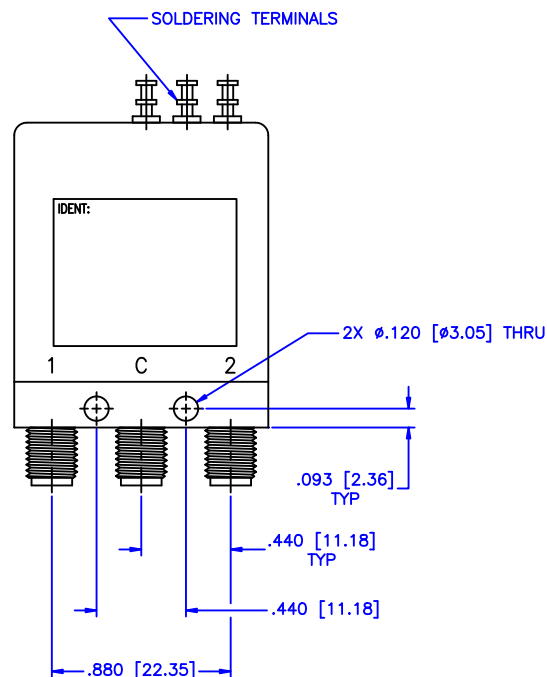
OPERATING TEMP: -54° C TO +90° C  
SINE VIBRATION: 30 G'S rms  
LIFE: 1,000,000 CYCLES  
RANDOM VIBRATION: 20 G'S rms



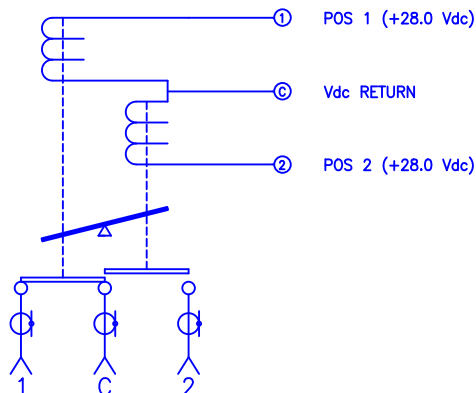
REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED

### SPECIFICATION:

FREQUENCY RANGE (GHz):	DC-2.0	2.0-4.0	4.0-8.0	8.0-12.4	12.4-18.0	18.0-26.5
VSWR (Max.):	1.20:1	1.25:1	1.30:1	1.40:1	1.50:1	1.60:1
INSERTION LOSS (dB):	0.20	0.25	0.30	0.40	0.70	0.070
ISOLATION (dB):	90	80	80	70	60	50
IMPEDANCE (Ohms):	50					



### SCHEMATIC: LATCHING



MATERIAL:				MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM		SCALE: N/A	
				UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°		SHEET: N/A	
DRAWN: Paiboon Luexhamhan		DATE: 03-04-2001		DRAWING TITLE: ELECTROMECHANICAL SWITCHES			
APPROVED: T. Nguyen		DATE: 03-04-2001		PART NO. K2-8-L			
				CAGE CODE: OD2L5		SIZE: A	REV: N/A
				DO NOT SCALE THE DRAWING		DWG NO. 82185	